



POLE SIZE (WALL THICKNESS x O.D. AT BASE OF PLATE x O.D. AT POLE TOP x POLE HEIGHT)	ARM SIZE (FLANGE PLATE SHALL ACCEPT ANY MAST ARM LISTED WITH THE FOLLOWING INCLUSIVE LENGTHS) (SEE NOTE 2)	ANCHOR BOLTS (ALL BOLTS SHALL HAVE A CLASS OF FIT RATING OF 2A/2B UNC)	BASE PLATE (SIDE x SIDE x PLATE THICKNESS)	BOLT CIRCLE (DIA.)
7 GAUGE x 12" x 8.22" x 27'-0"	38'	FOUR (4)- 1 1/2" DIA. x 54" LENGTH SIX (6) THREADS PER IN.	17" x 17" x 1 1/2"	16"
3 GAUGE x 13" x 9.22" x 27'-0"	50'	FOUR (4)- 1 3/4" DIA. x 66" LENGTH FIVE (5) THREADS PER IN.	18 1/2" x 18 1/2" x 2"	18"
0 GAUGE x 15" x 11.22" x 27'-0"	60' & 70'	FOUR (4)- 2" DIA. x 72" LENGTH 4 1/2 THREADS PER IN.	23" x 23" x 2"	22"

#### NOTES:

1. ALL ANCHOR BOLT HOLE DIAMETERS SHALL BE 3/8" LARGER THAN THE ANCHOR BOLT DIAMETER LISTED.
2. REFER TO APPROPRIATE 800 SERIES STANDARD PLATE FOR FLANGE PLATE AND ACCESS HOLE DETAILS.
3. REFER TO APPROPRIATE 800 SERIES STANDARD PLATE FOR BOLT CIRCLE AND ANCHOR BOLT PLACEMENT.

SPECIFICATION <b>818</b>	CATEGORY CODE ITEMS										
APPROVED	DIRECTOR - OFFICE OF TRAFFIC AND SAFETY										
<b>SHA</b> State Highway Administration	<table> <tr> <td>APPROVAL • SHA REVISIONS</td><td>APPROVAL • FEDERAL HIGHWAY ADMINISTRATION</td></tr> <tr> <td>APPROVAL 7-1-94</td><td>APPROVAL 7-1-94</td></tr> <tr> <td>REVISED 10-1-01</td><td>REVISED 2-1-01</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> </table>	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	APPROVAL 7-1-94	APPROVAL 7-1-94	REVISED 10-1-01	REVISED 2-1-01	REVISED	REVISED	REVISED	REVISED
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**Maryland Department of Transportation**  
**STATE HIGHWAY ADMINISTRATION**  
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

#### SINGLE MAST ARM POLE

**STANDARD NO.**

**MD 818.06**